March 31th 2008, J. Wresnik
Comparison of uniformsky schedules with different optimization options and different network sizes

Specifications:
schedules: st32uni_45_9_230X_0_0

software: OCCAM Kalman
clk: ASD 1e-14 @ 50 min, random walk + integrated random walk
zwd: Vienna turbulence (standard)
         Vienna turbulence with more wind at RIOP
wn: 4 ps per baseline
zwd: 0.7
grd: 0.5

The baseline length repeatabilities for the 32 station network showed a bad behavior for the all baselines with the station RIOP. The Cn value of RIOP used for the simulation of the turbulence atmospheres was Cn:2,47 and the wind speed was North: -0.15 and South: -1.24 m/s. I changed only the wind speed and direction for the station RIOP to North -5.15 and South -3.24 m/s.

You can see the changes in the baseline length repeatabilities in the Figure 1. The blue diamonds are the repatabilities for the changed atmosohere.